SUMMARY OF COMMENTS/RECOMMENDATIONS

PROPONENT:	**Rural Municipality of Grandview**
PROPOSAL NAME:	**Sugar Loaf Rural Water Pipeline**
CLASS OF DEVELOPMENT:	**Two**
TYPE OF DEVELOPMENT:	**Transportation and Transmission - Pipelines**
CLIENT FILE NO.:	**4255.00**

OVERVIEW:

The Proposal was received on May 26, 1997. It was dated May 23, 1997. The advertisement of the proposal was as follows:

"A Proposal has been filed by the Manitoba Water Services Board on behalf of the Rural Municipality of Grandview to construct a water treatment plant and water supply pipelines for rural residences south of Grandview. The project would involve the construction of a well and water treatment plant in the vicinity of SE 31-23-24W, and 95 km of rural water pipeline located within road allowances. Initial water use is expected to be about 2.0 litres per second. It is anticipated that some additional connections will be made to the system in the future, increasing use to 2.5 litres per second. Water treatment for the system would consist of potassium permanganate with manganese greensand filtration, and chlorination. Backwash water from the treatment plant would be discharged to a natural depression on privately owned pasture land. Construction of the system would occur between August and November of 1997."

The Proposal was advertised in the Grandview Exponent on Wednesday, June 18, 1997. It was placed in the Main, Centennial, Eco-Network and Dauphin Public Library public registries. A copy was also provided to the R. M. of Grandview as a public registry location. The Proposal was distributed to TAC members on June 10, 1997. The closing date for comments from members of the public and TAC members was July 10, 1997.

COMMENTS FROM THE PUBLIC:

No public responses were received.

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

Manitoba Environment - Water Quality Management Although there are several stream crossings involved, the proposal stipulates that in all cases the streams will be crossed by tunnelling rather than trenching and environmental impacts will be minimized.

Historic Resources Branch No concerns.

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Mines Branch No concerns.

Medical Officer of Health - Parkland Region No problem with the overall proposal. To ensure the water delivered via the pipelines remains safe for human consumption, chlorine residuals need to be maintained throughout the system. This may be difficult when the distance travelled is long and iron concentration is high. As the network of water pipes is 95 km and the iron in one sample is 0.56 mg/L, this could be a problem. What plans are in place to ensure chlorine residuals are maintained in accordance with Canadian Drinking Water Guidelines and that regular testing and monitoring is done not only at the plant but at appropriate end points in the system?

Disposition:

The maintenance of chlorine residuals in a public water supply system is a requirement under The Public Health Act. The design of the system must make appropriate provisions for chlorine supply where needed in the system. This is confirmed when plans for a system are reviewed for certification under The Public Health Act.

Natural Resources The proponent has indicated that the pipeline will be tunnelled under streams. If difficulties are encountered with this method and open trenching must be used, the DNR Fisheries manager should be consulted before any instream work is carried out.

Disposition:

These comments can be addressed as licence conditions.

Canadian Environmental Assessment Agency Transport Canada (Surface Group) has indicated an interest in the proposal as it crosses a rail line. More information is requested. Fisheries and Oceans have offered to provide specialist advice in accordance with section 12(3) of the Act.

Disposition:

Transport Canada's request will be forwarded to the proponent's representatives.

Fisheries and Oceans The project is not likely to cause adverse effects on fish and fish habitat after taking into account the implementation of appropriate mitigation measures. The plans specify directional drilling for each of the stream crossings. DFO recommends that this method be employed. The proponent should apply appropriate crossing techniques and erosion control measures as detailed in "Watercourse Crossing Guidelines for Pipeline Systems" published by CAPP in 1993. In the event that an open cut crossing is required, the proponent should contact the Manitoba Natural Resources regional biologist and DFO-HM with details of the crossing and proposed mitigation measures.

Disposition:

As it is not anticipated that open cut stream crossings will be needed, a licence condition should specify that only non-disputive crossing techniques may be used. If an open cut crossing is required, separate approval should be obtained.

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PUBLIC HEARING:

As no public concerns were identified, a public hearing is not recommended.

DISCUSSION:

Two additional items were not addressed in the Proposal. A Water Rights Licence will be required for the project. This will be brought to the attention of the proponent's representative. Also, it is the intention of the Land Use Approvals Section to have proposals involving municipal water supplies identify plans for water conservation measures as a standard part of each proposal. As this has not been done for the current proposal, a water conservation plan or discussion should be requested as a licence condition.

RECOMMENDATION:

All comments received on the Proposal can be addressed as licence conditions, or referred to the proponent's representatives for information. Therefore, it is recommended that the Development be licensed under The Environment Act subject to the limits, terms and conditions as described on the attached Draft Environment Act Licence. It is further recommended that enforcement of the Licence be assigned to the Park-West Region.

PREPARED BY:

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